# AUTHORIZATION TO ACT IN A REPRESENTATIVE CAPACITY

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|---|---|
| In re Application of:<br>Jong Wook Hong et al. | |
| Application No.<br>10/678,946 | |
| Filed:<br>October 2, 2003 | |
| Title:<br>Microfluidic Nucleic Acid Analysis | |
| Attorney Docket No.<br>20174C-010310US | Art Unit:<br>1637 |

The practitioner named below is authorized to conduct interviews and has the authority to bind the principal concerned. (Note: pursuant to 37 CFR 10.57(c), a practitioner cannot authorize other registered practitioners to conduct interviews without consent of the client after full disclosure.) Furthermore, the practitioner is authorized to file correspondence in the above-identified application pursuant to 37 CFR 1.34:

| Name | Registration Number |
|---|---|
| Steven W. Collier | 42,429 |
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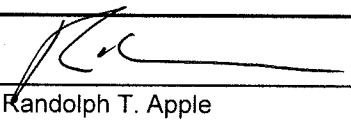
**This is not a Power of Attorney to the above-named practitioner.** Accordingly, the practitioner named above does **not** have authority to sign a request to change the correspondence address, a request for an express abandonment, a disclaimer, a power of attorney, or other document requiring the signature of the applicant, assignee of the entire interest or an attorney of record. If appropriate, a separate Power of Attorney to the above-named practitioner should be executed and filed in the United States Patent and Trademark Office.

**SIGNATURE of Practitioner of Record**

| | | | |
|---|---|---|---|
| Signature |  | Date | March 14, 2010 |
| Name | Randolph T. Apple | Registration No., if applicable | 36,429 |
| Telephone | 650-326-2400 | | |